



CITY OF SANTA BARBARA

COUNCIL AGENDA REPORT

AGENDA DATE: April 1, 2008

TO: Mayor and Councilmembers

FROM: Engineering Division, Public Works Department

SUBJECT: Contract For Construction Of Small Diameter Sewer Rehabilitation Project, Fiscal Year 2008

RECOMMENDATION: That Council:

- A. Award a contract with Insituform Technologies, Inc. (Insituform), in their low bid amount of \$1,692,434, for the Small Diameter Sewer Rehabilitation Project, Bid No. 3521, and authorize the Public Works Director to execute said contract; and
- B. Authorize the Public Works Director to approve expenditures up to \$250,000 to cover any cost increases that may result from contract change orders for extra work and differences between estimated bid quantities and actual quantities measured for payment.

DISCUSSION:

PROJECT DESCRIPTION

The work consists of rehabilitating approximately 32,600 linear feet of six and eight-inch diameter sewer mains at various locations throughout the City. This length of rehabilitation equates to approximately 2.2% of the City's entire sewer mains. This project does not include significant replacement work, which will be bid separately in the near future. The project is in line with the City's goal of rehabilitating or replacing 1% of the Wastewater Collection System on an average annual basis. The last sewer improvement project of 26,000 lineal feet was awarded by bid in 2006 and constituted approximately 1.7% of the City's sewer mains.

CONTRACT BIDS

One bid was received for the subject work, as follows:

BIDDER	BID AMOUNT
1. Insituform Technologies, Inc., Chesterfield, MO	\$1,692,434

The Engineer's Estimate was \$1,699,056, which is 0.2% percent higher than the low bid of \$1,692,434.

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The low bid of \$1,692,434, submitted by Insituform, is an acceptable bid that is responsive to and meets the requirements of the bid specifications. Another leading competitor, available to respond as to why they did not bid, indicated that their estimators were out sick and could not get this bid prepared by the bid opening deadline.

The change order funding recommendation of approximately 15%, or \$250,000, is 5% higher for this type of work and size of project because of additional rehabilitation and/or spot replacements. These needed repairs are in the process of being identified by Wastewater staff's TV inspection review.

ESTIMATED TOTAL PROJECT COST

Design (by Contract and City staff)	\$60,000
Construction Contract	\$1,692,434
Construction Change Order Allowance	\$250,000
Construction Management/Inspection (by Contract and City staff)	\$169,906
TOTAL	\$2,172,340

FUNDING

This project is funded by proceeds from the Wastewater Bonds issuance. There are sufficient funds in the Wastewater Fund to cover the cost of this project.

SUSTAINABILITY IMPACT:

Pipe rehabilitation is a cost effective and energy saving maintenance process. Rehabilitation does not require excavation or replacement of an existing sewer, which saves on materials, construction equipment, and fuel. The rehabilitation process lines the interior of the sewer pipe to prevent infiltration during rain events. Reducing infiltration prevents additional wastewater treatment at El Estero Wastewater Treatment Plant, which is an energy savings and prevents the possibility of sewer lines spilling during rain events.

PREPARED BY: Homer F. Smith II, Principal Engineer/LC/sk

SUBMITTED BY: Paul Casey, Acting Public Works Director

APPROVED BY: City Administrator's Office